| <br> | <br>f C | <br> |  |
|------|---------|------|--|
|      |         |      |  |

|  | /Cont |  |
|--|-------|--|
|  |       |  |
|  |       |  |
|  |       |  |
|  |       |  |
|  |       |  |
|  |       |  |

10/661,627 Examiner

Mariceli Santiago

Applicant(s)/Patent under Reexamination

KAWATE ET AL.

Art Unit

2879

| <b>√</b> | Rejected |
|----------|----------|
| =        | Allowed  |

(Through numeral) Cancelled R Restricted

| N | Non-Elected  |
|---|--------------|
| _ | Interference |

| Α | Appeal   |
|---|----------|
| 0 | Objected |

| Cli            | aim      | Date                                |          |   |          | Date Claim Date |          |                                     |              |  |   |              |          |              |          | $\neg$   | ſ       | Cli     | im     | Date   |            |        |     |       |          |   |     |  |        |        |   |        |   |   |
|----------------|----------|-------------------------------------|----------|---|----------|-----------------|----------|-------------------------------------|--------------|--|---|--------------|----------|--------------|----------|----------|---------|---------|--------|--------|------------|--------|-----|-------|----------|---|-----|--|--------|--------|---|--------|---|---|
| <del>  "</del> | T        | ├                                   |          |   |          |                 |          |                                     |              |  |   | Date         |          |              |          |          |         |         |        |        | Claim      |        |     |       | _        | _ | Jau |  |        |        | r |        |   |   |
| Final          | Original |                                     |          |   |          |                 |          |                                     |              |  |   | Final        | Original |              |          |          |         |         |        |        |            |        |     | Final | Original |   |     |  |        |        |   |        |   |   |
|                | 1        | R                                   |          |   |          |                 |          |                                     |              |  | ] |              | 51       |              |          |          |         |         |        |        |            |        | 1   |       | 101      |   |     |  |        |        | П |        |   |   |
|                | 2        | R                                   |          |   |          |                 |          |                                     |              |  | ] |              | 52       |              |          |          |         |         |        |        |            |        |     |       | 102      |   |     |  |        |        |   | П      |   | Г |
|                | 3        | R                                   |          |   |          |                 |          |                                     |              | ·  | ] |              | 53       |              |          |          |         |         |        |        |            |        | [   |       | 103      |   |     |  | Г      |        |   | П      |   |   |
|                | 4        | R                                   |          |   | L        |                 | L        | <u> </u>                            |              |  |   |              | 54       |              |          |          |         |         |        |        |            |        | [   |       | 104      |   |     |  |        |        |   |        |   |   |
| L              | 5        | R                                   |          |   |          |                 |          |                                     |              |  | ] |              | 55       |              |          |          |         |         |        |        |            |        | [   |       | 105      |   |     |  | $\Box$ | Г      |   |        |   |   |
|                | 6        | R                                   |          |   | L        | L               | <u> </u> |                                     |              |  |   |              | 56       |              |          |          |         |         |        |        |            |        | [   |       | 106      |   |     |  |        |        |   |        |   |   |
|                | 7        | R                                   |          |   |          | L               |          |                                     |              |  | ] |              | 57       |              |          |          |         |         |        |        |            |        | [   |       | 107      |   |     |  |        |        |   |        |   |   |
|                | 8        | R                                   |          |   |          |                 |          |                                     |              | L  | ] |              | 58       |              |          |          |         |         |        |        |            |        |     |       | 108      |   |     |  |        |        |   |        |   |   |
|                | 9        | R                                   |          |   |          |                 |          |                                     |              |  | ] |              | 59       |              |          |          |         |         |        |        |            |        |     |       | 109      |   |     |  |        | Г      |   |        |   |   |
|                | 10       | R                                   |          |   |          |                 |          |                                     |              |  | ] |              | 60       |              |          |          |         |         |        |        |            |        | [   |       | 110      |   |     |  |        |        |   |        |   |   |
|                | 11       | R                                   |          |   |          |                 | L        | L                                   |              |  |   |              | 61       |              |          |          |         |         |        |        |            |        | [   |       | 111      |   |     |  |        |        |   |        |   |   |
|                | 12       | R                                   |          |   |          |                 |          |                                     | 匚            |  | ] |              | 62       |              |          | $\Box$   |         |         |        |        |            |        | Ī   |       | 112      |   |     |  |        |        |   |        |   |   |
|                | 13       | R                                   |          |   | L        | L.              |          |                                     |              |  | 1 |              | 63       |              | Ш        | ]        |         |         |        |        |            |        |     |       | 113      |   |     |  | L      |        |   |        |   |   |
|                | 14       | R                                   |          |   | L        |                 | <u></u>  | L.                                  | L            | $ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{L}}}}$ | j | L            | 64       |              |          |          |         |         |        |        |            |        | [   |       | 114      |   |     |  |        |        |   |        |   |   |
|                | 15       | R                                   |          |   | L        | L               | <u> </u> |                                     |              |  | ] |              | 65       |              |          |          |         |         |        |        |            |        | [   |       | 115      |   |     |  |        |        |   |        |   |   |
|                | 16       | R                                   |          |   | L        | L               | L        | ╙                                   | L            | L  | Į |              | 66       |              |          |          |         |         |        |        |            |        |     |       | 116      |   |     |  |        |        |   |        |   |   |
|                | 17       | R                                   | $\Box$   |   |          | L               |          | _                                   | L            | _  | Į |              | 67       |              |          |          | _       |         |        |        |            |        |     |       | 117      |   |     |  |        |        |   |        |   |   |
|                | 18       | R                                   |          |   | _        | L               | _        | <u> </u>                            | L            |  |   |              | 68       |              | Ш        | $\Box$   |         |         |        |        |            |        |     |       | 118      |   |     |  |        |        |   |        |   |   |
|                | 19       | R                                   |          |   | _        | L               | ┖        | L                                   | <u> </u>     | Ц.   |   |              | 69       | Ш            |          |          |         |         |        |        |            |        |     |       | 119      |   |     |  |        |        |   |        |   |   |
|                | 20       | R                                   |          |   | _        | 匚               | L        | L_                                  | <u> </u>     | <u> </u>   |   |              | 70       |              |          |          |         |         |        |        |            |        | Ĺ   |       | 120      |   |     |  |        |        |   |        |   |   |
|                | 21       | R                                   |          |   |          |                 | <u> </u> | <u> </u>                            | ╙            | L  |   |              | 71       | $oxed{oxed}$ | Ш        |          |         |         |        |        |            |        |     |       | 121      |   |     |  |        |        |   |        |   |   |
|                | 22       | R                                   | Ш        |   |          | Ш               | L        |                                     | <u> </u>     | _  |   |              | 72       | Щ            | Щ        | _        | _       |         |        |        |            |        | L   |       | 122      |   |     |  |        |        |   |        |   |   |
|                | 23       | R                                   |          |   | _        | _               | _        | ┖                                   | L            | _  |   | L            | 73       | Щ            |          |          |         |         | _      |        |            |        | - 1 |       | 123      |   |     |  |        |        |   |        |   |   |
|                | 24       | R                                   | Щ        |   | Ш        |                 | _        | _                                   | L            | ╙  |   |              | 74       |              | Ш        |          |         | _       | $\Box$ |        |            |        | L   |       | 124      |   |     |  |        |        |   |        |   |   |
|                | 25       | R                                   |          |   | _        |                 | L        | L                                   | <u> </u>     | _  |   |              | 75       | Щ            |          |          |         |         |        |        |            |        | L   |       | 125      |   |     |  |        |        |   |        |   |   |
|                | 26       | R                                   |          |   |          |                 | ļ.,      | <u> </u>                            | <u> </u>     | _  | Į |              | 76       | Ш            |          | $\sqcup$ |         |         |        |        |            |        |     |       | 126      |   |     |  |        |        |   |        |   |   |
|                | 27       | R                                   | $\Box$   |   | <u> </u> | L               | L        | _                                   | <u> </u>     | L  |   |              | 77       | L_           |          | $\Box$   | _       |         |        |        |            | _      | L   |       | 127      |   |     |  |        |        |   |        |   |   |
|                | 28       | R                                   |          |   | _        | L               | <u> </u> | _                                   | <u> </u>     |  |   |              | 78       |              |          |          | $\Box$  |         | _      |        |            | _      | L   |       | 128      |   |     |  |        |        |   |        |   |   |
|                | 29       | L                                   |          |   | L        | _               | L        | <u> </u>                            | _            |  |   |              | 79       |              |          |          | _       |         |        |        |            |        | L   |       | 129      |   |     |  |        |        |   |        |   |   |
|                | 30       | L                                   | Щ        |   |          | L.              | L.       |                                     | <u> </u>     |  |   |              | 80       |              | Ц        |          |         |         |        |        |            |        |     |       | 130      |   |     |  |        |        |   |        |   |   |
|                | 31       |                                     |          |   |          | <u> </u>        | _        | <u> </u>                            | L            |  |   |              | 81       |              | Ш        | $\Box$   |         | $\Box$  |        | $\Box$ |            |        |     |       | 131      |   |     |  |        |        |   |        |   |   |
|                | 32       |                                     |          |   |          |                 | _        | ╙                                   | L            | L  |   | $oxed{oxed}$ | 82       |              | Ш        | $\Box$   |         | $\Box$  |        | $\Box$ |            |        |     |       | 132      |   |     |  |        |        |   |        |   |   |
|                | 33       | Ш                                   |          |   |          |                 | _        | L                                   | ᆫ            |  | ŀ |              | 83       |              |          |          |         |         |        | _      | $\perp$    |        | Ĺ   |       | 133      |   |     |  |        |        |   |        |   |   |
|                | 34       | _                                   |          |   | <u>_</u> |                 | L.       | ╙                                   | <u> </u>     |  |   |              | 84       | Ц            | Ш        | _        | _       | _       |        | ᆜ      | _          | _      |     |       | 134      |   |     |  |        |        |   |        |   |   |
|                | 35_      | _                                   | _        |   | L.       |                 | L_       | _                                   | L            | L.,  |   |              | 85       | Щ            | $\Box$   | _        | _       | _       |        | _      |            | _      | L   |       | 135      |   |     |  |        |        |   |        |   |   |
|                | 36_      | _                                   | _        |   | <u> </u> |                 | <u> </u> | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | ╙            | L_   |   |              | 86       |              | Ш        | _        | _       | _       | _      |        | _          | _      | Ļ   |       | 136      |   |     |  |        |        |   |        |   |   |
|                | 37       |                                     | _        |   |          |                 | L_       | <u> </u>                            | $oxed{oxed}$ | _  |   |              | 87       |              | Ш        | _        | _       | _       |        | $\Box$ |            | _      | L   |       | 137      |   |     |  |        |        |   |        |   |   |
|                | 38       | <u> </u>                            | $\Box$   |   | L.,      | L               | L.,      | 1_                                  |              | L  |   |              | 88       | Ш            | Ш        |          |         |         |        |        | [          |        | [   | ]     | 138      |   |     |  |        | $\Box$ |   |        |   |   |
|                | 39       | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ |          | _ | <u> </u> | L               | <u> </u> |                                     | <u> </u>     | <u> </u>   |   |              | 89       | Ш            |          |          |         |         |        | [      |            |        | [   |       | 139      |   |     |  |        |        |   |        |   |   |
|                | 40       | L.,                                 | Ц        |   | <u> </u> | Ш               | <u> </u> | L                                   | _            |  |   |              | 90       |              |          | [        | _[      |         |        |        | $_{\perp}$ | _]     | [   |       | 140      |   |     |  |        |        |   |        |   |   |
|                | 41       | Ь                                   | Ц        | _ | Щ        | L.,             | L        | _                                   | Ь            | <u> </u>   |   |              | 91       | Ш            |          | [        | _       | $\perp$ |        |        |            |        |     | I     | 141      |   |     |  |        |        |   |        |   |   |
|                | 42       | <u> </u>                            | $\dashv$ |   | L        | Ш               |          | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | Ц.,          | <u>L</u>   |   |              | 92       |              | $\sqcup$ |          | $\perp$ | $\Box$  |        | [      | ┙          | _      |     |       | 142      |   |     |  |        |        |   |        |   |   |
|                | 43       |                                     | _        |   |          |                 | <u> </u> | _                                   |              | <u> </u>   |   | Щ            | 93       |              | $\sqcup$ | $\bot$   | $\perp$ |         |        | [      |            |        |     |       | 143      |   |     |  |        |        |   |        |   |   |
|                | 44       |                                     |          |   | Ш        | Ш               | L_       | <u> </u>                            |              | <u> </u>   |   |              | 94       | Ш            |          |          |         | $\Box$  |        |        |            |        |     | I     | 144      |   |     |  |        |        |   |        |   |   |
|                | 45       | Щ                                   | _        | _ | Щ        | Ш               | <u> </u> | _                                   | L.,          | <u> </u>   |   | $oxed{oxed}$ | 95       | Ш            |          |          |         |         |        |        | [          | $\Box$ |     | ]     | 145      |   |     |  |        |        |   | $\Box$ |   |   |
|                | 46       | Щ                                   | _        | _ | Ш        | Ш               | <u> </u> | <b>L</b>                            | _            | <u> </u>   |   | $\sqcup$     | 96       | Ш            |          |          |         | $\Box$  |        |        | $\bot$     |        |     |       | 146      |   |     |  |        |        |   |        |   |   |
|                | 47       | Ь.,                                 | _        |   | Ш        | Ш               | <u> </u> | <u> </u>                            | Щ            | _  |   |              | 97       | Ш            | $\Box$   | _        |         |         | _      |        | [          | _      |     | [     | 147      |   |     |  |        |        |   |        |   |   |
|                | 48       | Щ                                   |          | _ | $\vdash$ | Ш               | <u> </u> | <u> </u>                            | _            | L  |   | $oxed{oxed}$ | 98       | Щ            |          |          | _       |         | _      |        |            | _      | L   |       | 148      |   |     |  |        |        |   |        |   |   |
|                | 49       | Ш                                   | _        | _ | Ш        | Ш               | <u> </u> | ⊢                                   | <u> </u>     | L.,  |   | oxdot        | 99       | Ш            | $\Box$   |          | _       |         | _      | $\Box$ | _[         | _      | L   |       | 149      |   |     |  |        |        |   | $\Box$ |   |   |
|                | 50       |                                     |          |   | Ш        |                 | L        | L                                   | l            |  |   |              | 100      |              |          |          | ſ       |         | I      | П      | Т          | 1      |     | T     | 150      |   |     |  |        |        |   |        | T |   |